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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of	4
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**Complete if Known**

Application Number	10/782,076
Filing Date	02/19/2004
First Named Inventor	Chun-Cheng Lin et al
Art Unit	1616
Examiner Name	
Attorney Docket Number	SINICA-08757

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Konata George/	Date Considered	05/10/2007
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Examiner Name			
Sheet 2 of 4	Attorney Docket Number SINICA-08757		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T. <sup>2</sup>
/KG/	4	Lanza et al., "In vivo molecular imaging of stretch-induced tissue factor in carotid arteries with ligand-targeted nanoparticles," J. Am. Soc. Echocardiogr., June; 13(6):608-14, 2000	
	5	Hall et al., "Time evolution of enhanced ultrasonic reflection using a fibrin-targeted nanoparticulate contrast agent," J. Acoust. Soc. Am., Dec, 108(6):3049-57, 2000	
	6	Kitov et al., "Shiga-like toxins are neutralized by tailored multivalent carbohydrate ligands," Nature, 403:669-672, 2000	
	7	Sato, T., Ruth, R. Stabilization of Colloidal Dispersions by Polymer Adsorptions; Surfactants Science Series, No.9; Marcel Dekker: New York, 1980, pp 65-119	
	8	A. Ulman, "Formation and Structure of Self-Assembled Monolayers," Chem. Rev., 96:1533-1554 [1996]	
	9	de la Fuente et al., "Gold Glyconanoparticles as Water-Soluble Polyvalent Models To Study Carbohydrate Interactions," Angew. Chem. Int., 2001, 40(12):2258-61	
	10	Otsuka et al., "Quantitative and reversible lectin-induced association of gold nanoparticles modified with alpha-lactosyl-omega-mercapto-poly(ethylene glycol)," J. Am. Chem. Soc., 2001, 123:8226-30	
	11	Brust et al., "Synthesis of Thiol-derivatised Gold Nanoparticles in a Two-phase Liquid-Liquid System," J. Chem. Soc. Chem. Commun., 1994, 801-802	
↓	12	Martinez et al., "Type 1 pilus-mediated bacterial invasion of bladder epithelial cells," EMBO J. 2000 Jun 15;19(12):2803-12	
/KG/	13	Stahl et al., "Beta 2-agonists administered by a dry powder inhaler can be used in acute asthma," Respir Med. 1998 Feb;92(2):167-72	

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/KG/	14	Lin et al., "Selective Binding of Mannose-Encapsulated Gold Nanoparticles to Type 1 Pili in Escherichia coli," JACS, 123:3805-3509 (2002)	
	15	Kartha et al., "A Simplified, One-Pot Preparation of Acetobromosugars From Reducing Sugars," J. Carbohydrate Chemistry, 9(5)777:781 (1990)	
	16	Keating et al., "Protein: Colloid Conjugates for Surface Enhanced Raman Scattering: Stability and Control of Protein Orientation," J Phys. Chem. 102:9404-9413 (1998)	
	17	Buskas et al., "Use of n-pentenyl glycosides as precursors to various spacer functionalities," J Org Chem. 2000 Feb 25;65(4):958-63	
	18	Neimeyer, "Nanoparticles, Proteins, and Nucleic Acids: Biotechnology Meets Materials Science, Angew. Chem. Int. Ed, 40:4128-4158 (2001)	
	19	Mann et al., "Probing Low Affinity and Multivalent Interactions with Surface Plasmon Resonance: Ligands for Concanavalin A," JACS 120(41)10575-10582 (1998)	
	20	Gestwicki et al., "Inter-receptor communication through arrays of bacterial chemoreceptors," Letter to Nature, 415:81-84 (2002)	
	21	Liang et al., "Measuring the forces involved in polyvalent adhesion of uropathogenic Escherichia coli to mannose-presenting surfaces," PNAS U S A. 2000 Nov 21;97(24):13092-6	
↓	22	Kingery-Wood et al., "The Agglutination of Erythrocytes by Influenza Virus is Strongly Inhibited by Liposomes Incorporating an Analog of Sialyl Gangliosides," JACS 114:7303-7305 (1992)	
/KG/	23	Lee et al., "A facile synthesis of 2-O-(alpha-D-mannopyranosyl)-alpha-D-mannopyranosides," Carbohydr Res. 1995 Jul 10;271(1):131-6	

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Sheet 4	of 4	Attorney Docket Number	SINICA-08757

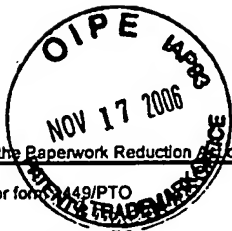
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/KG/	24	Bruchez et al., "Semiconductor nanocrystals as fluorescent biological labels," Science. 1998 Sep 25;281(5385):2013-6	
/KG/	25	Chan et al., "Quantum dot bioconjugates for ultrasensitive nonisotopic detection," Science. 1998 Sep 25;281(5385):2016-8	
/KG/	26	Lin et al., "Quantitative analysis of multivalent interactions of carbohydrate-encapsulated gold nano paraticles with concanavalin A," Chem Commun (Camb). 2003 Dec 7;(23):2920-1	

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Substitute for form 449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 1

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/KG/	1	Stahl, P. and Ezekowitz, R., "The mannose receptor is a pattern recognition receptor involved in host defense", Current Opinions In Immunology, Vol. 10, pp. 50-55 (1998).	

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